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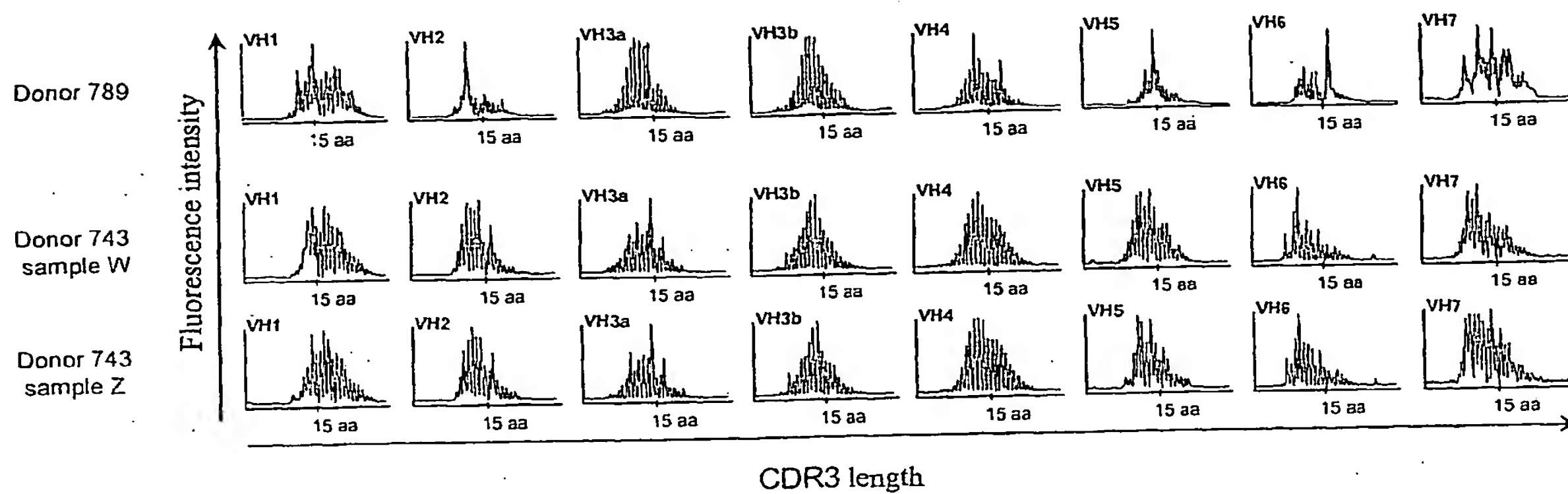


Figure 1A

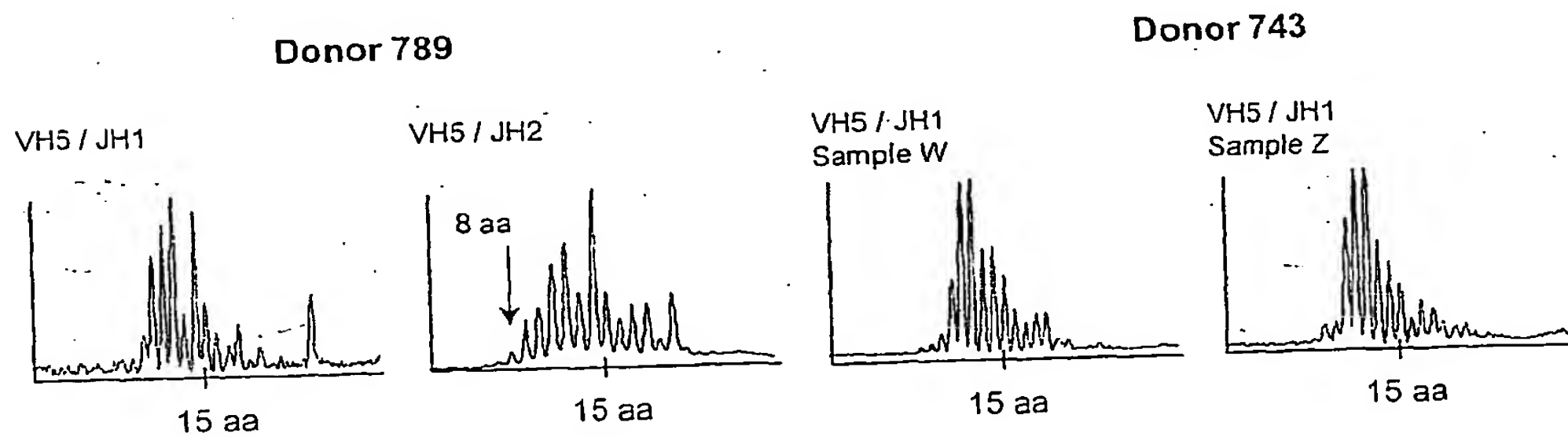


Figure 1B

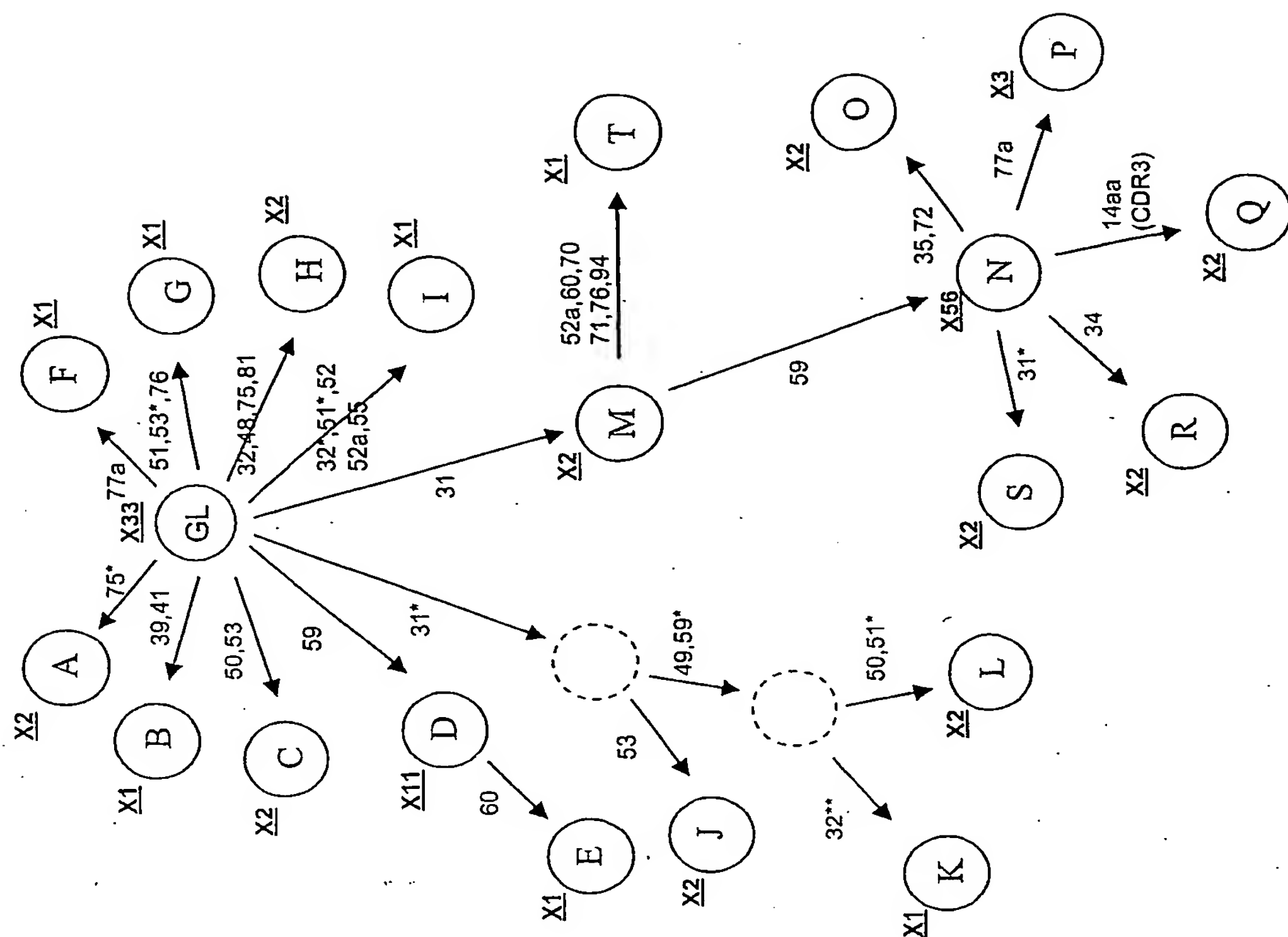


Figure 2B

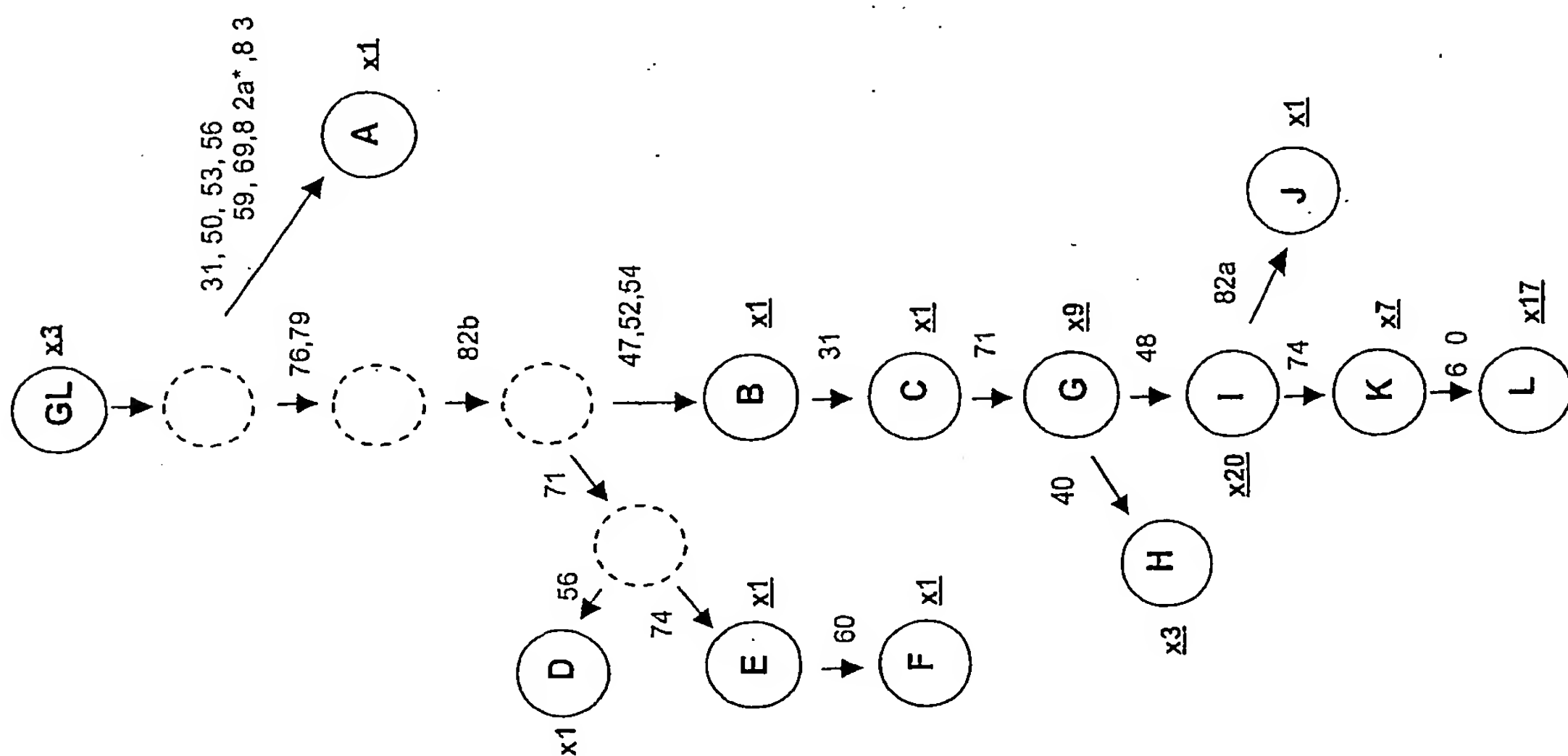


Figure 2A

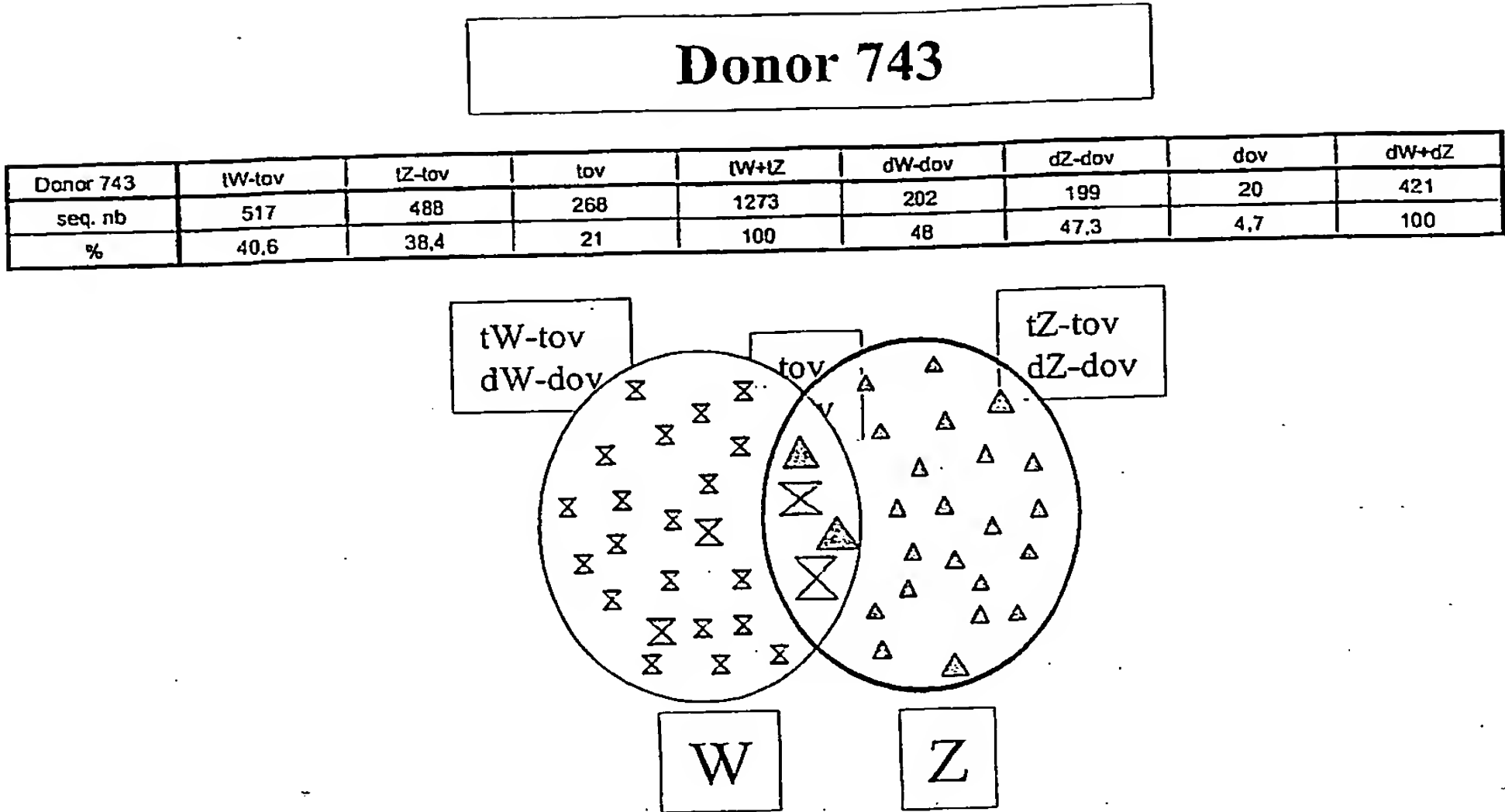


Figure 3A

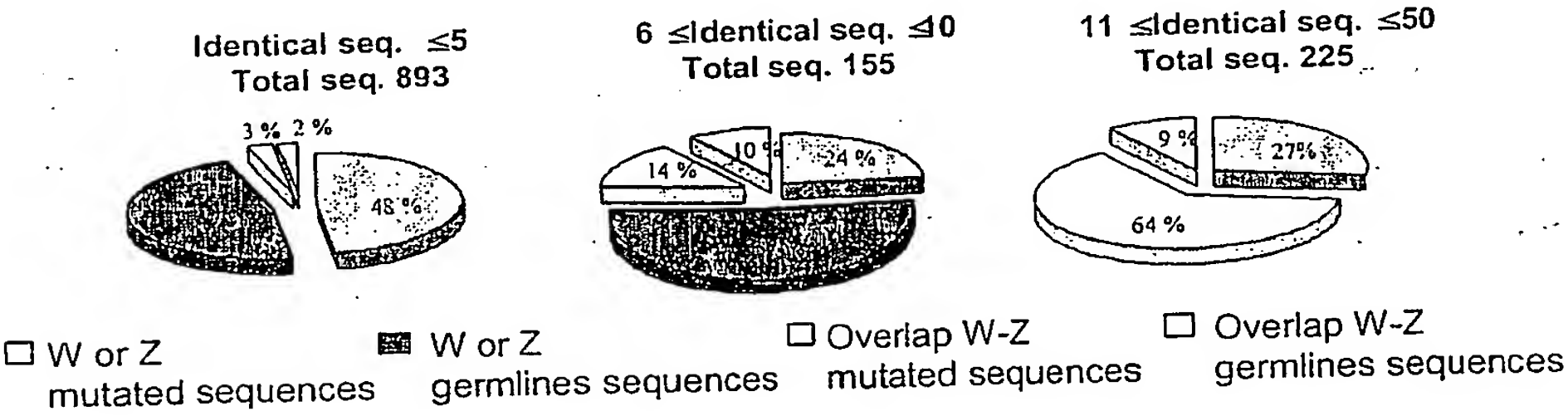


Figure 3B

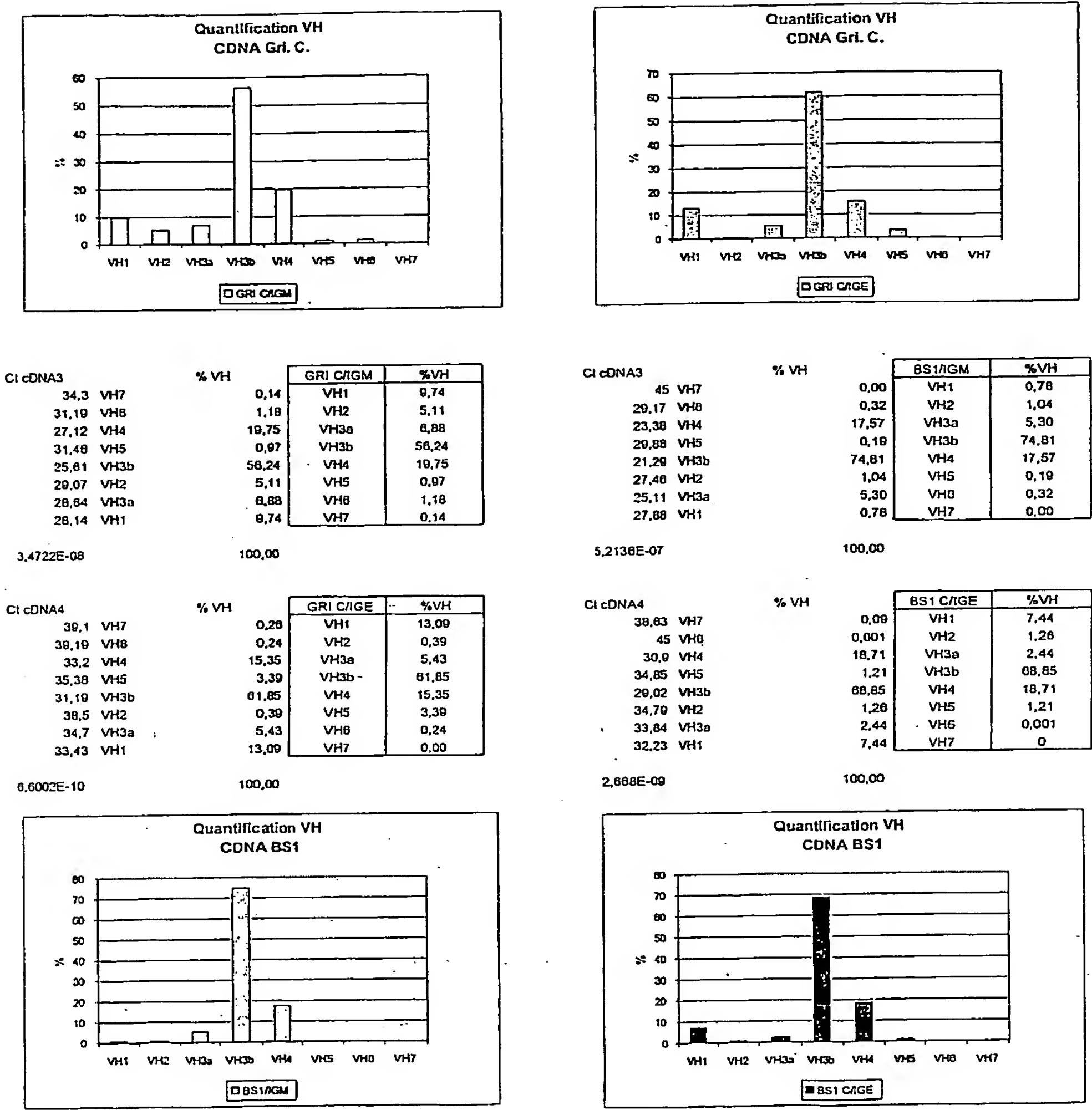


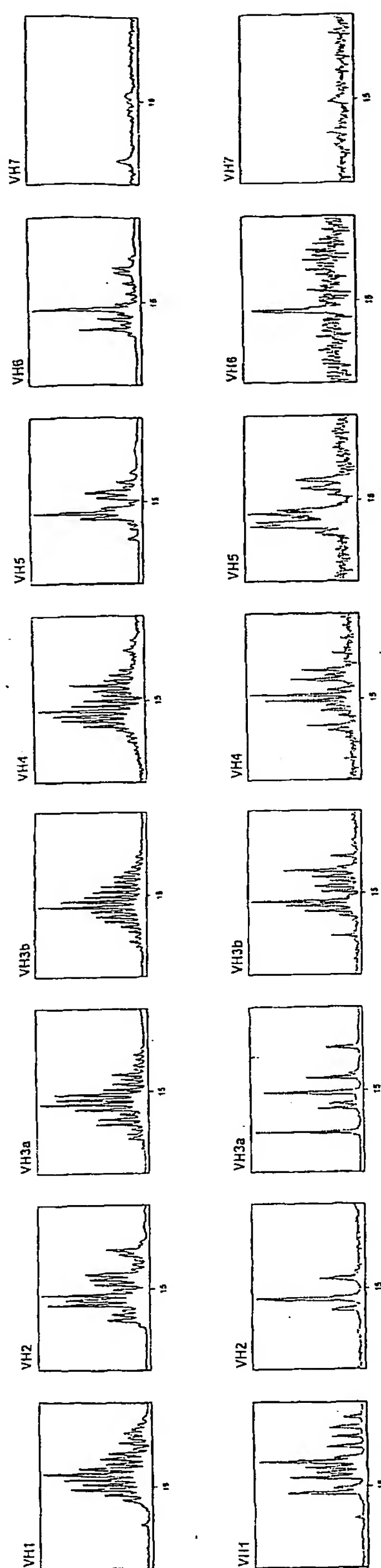
Figure 4

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Gri. C.

IgM

IgE



BS1

IgM

IgE

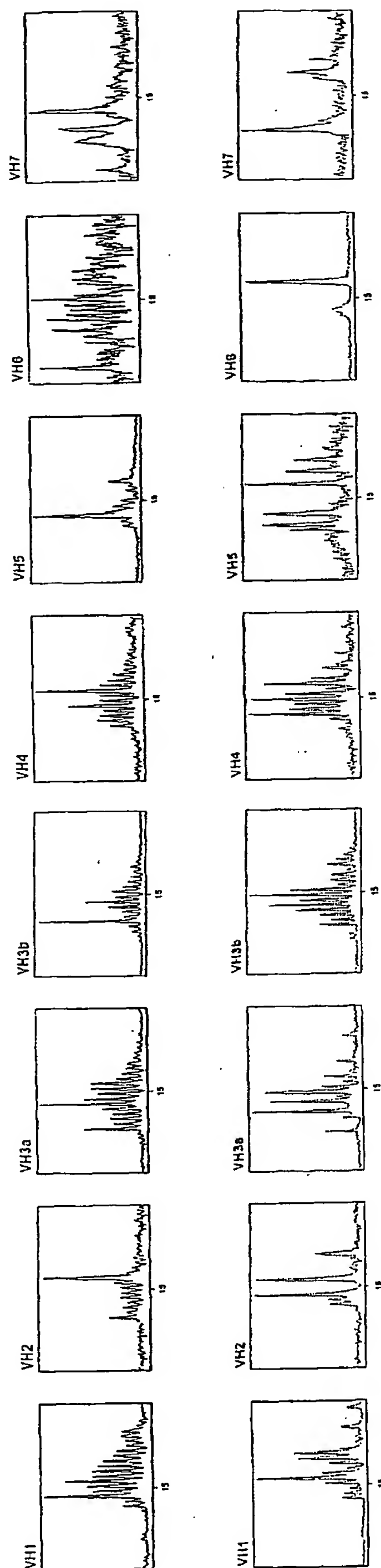


Figure 5

[illegible]

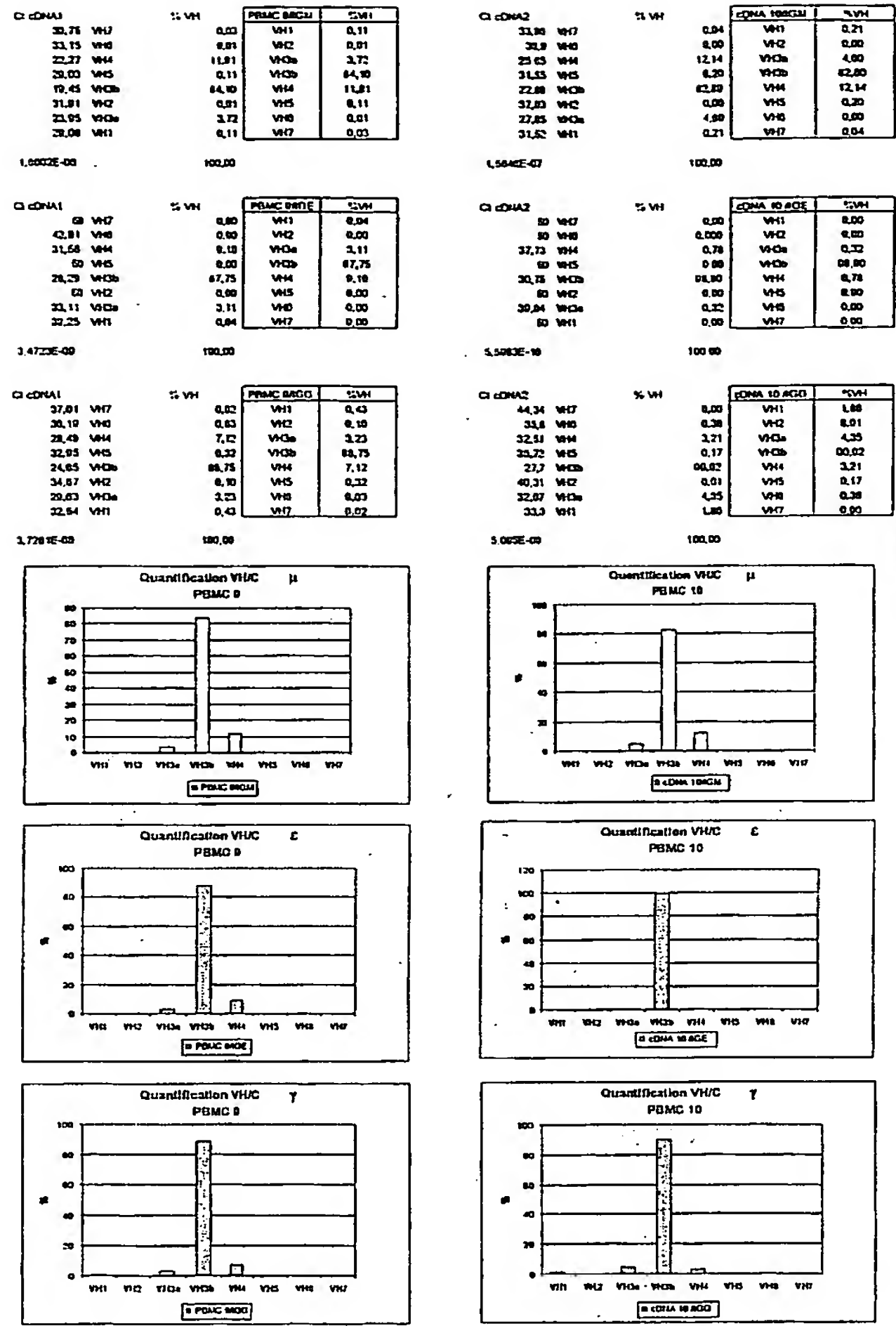
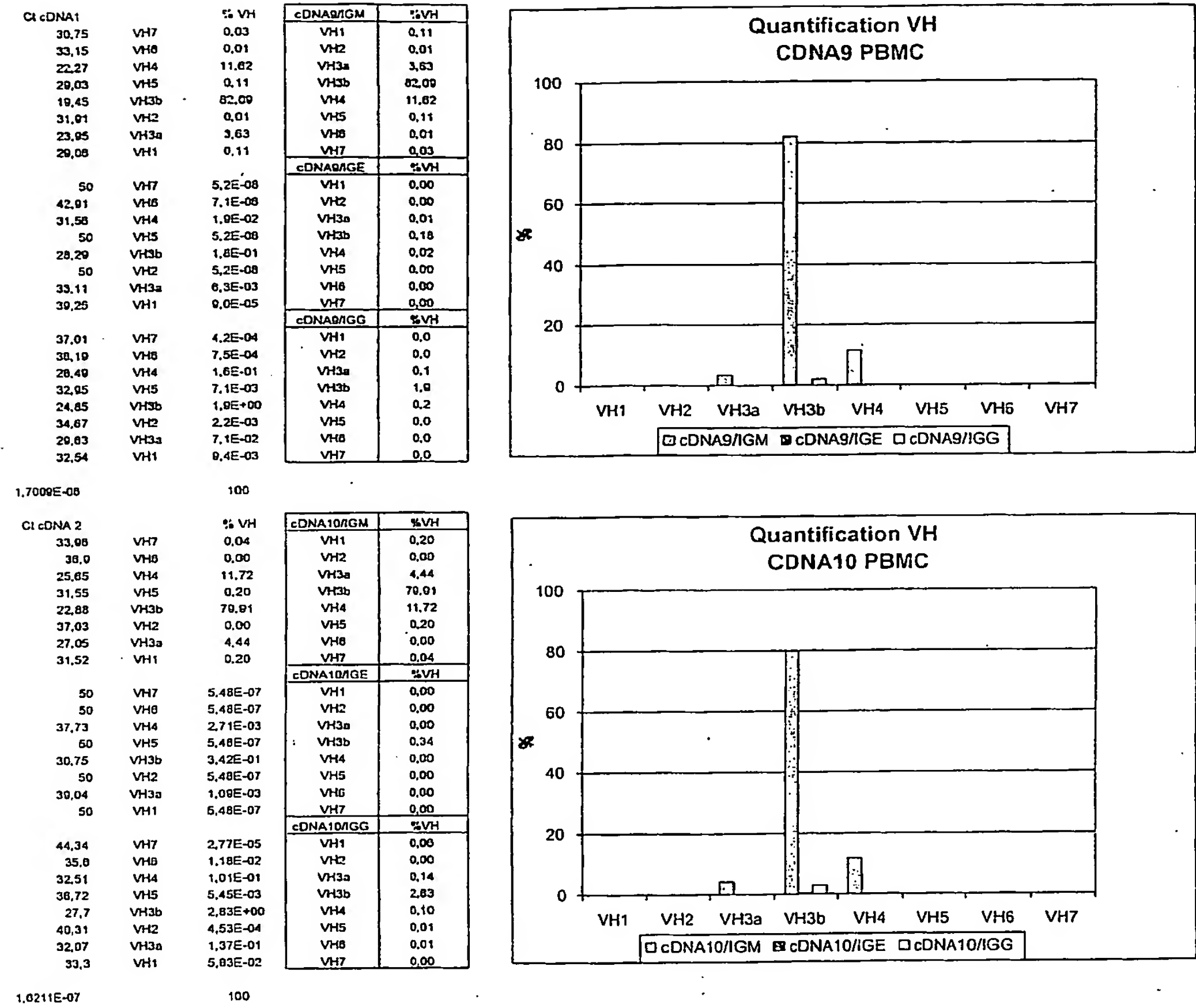


Figure 7



50
50
37,73
50
30,75
50
30,04
50

VH7
VH6
VH4
VH5
VH3b
VH2
VH3a
VH1

5,48E-07
5,48E-07
2,71E-03
5,48E-07
3,42E-01
5,48E-07
1,09E-03
5,48E-07

44,34
35,8
32,51
38,72
27,7
40,31
32,07
33,3

VH7
VH6
VH4
VH5
VH3b
VH2
VH3a
VH1

2,77E-05
1,18E-02
1,01E-01
5,45E-03
2,83E+00
4,53E-04
1,37E-01
5,03E-02

1,0211E-07

100

Quantification VH
CDNA9 PBMC

VH	cDNA9/IGM (%)	cDNA9/IGE (%)	cDNA9/IGG (%)
VH1	0.0	0.0	0.0
VH2	0.0	0.0	0.0
VH3a	0.1	0.1	0.1
VH3b	82.1	82.1	82.1
VH4	11.8	11.8	11.8
VH5	0.1	0.1	0.1
VH6	0.0	0.0	0.0
VH7	0.0	0.0	0.0

Quantification VH
CDNA10 PBMC

VH	cDNA10/IGM (%)	cDNA10/IGE (%)	cDNA10/IGG (%)
VH1	0.2	0.0	0.0
VH2	0.0	0.0	0.0
VH3a	4.4	4.4	4.4
VH3b	79.9	79.9	79.9
VH4	11.7	11.7	11.7
VH5	0.2	0.0	0.0
VH6	0.0	0.0	0.0
VH7	0.0	0.0	0.0

Figure 8

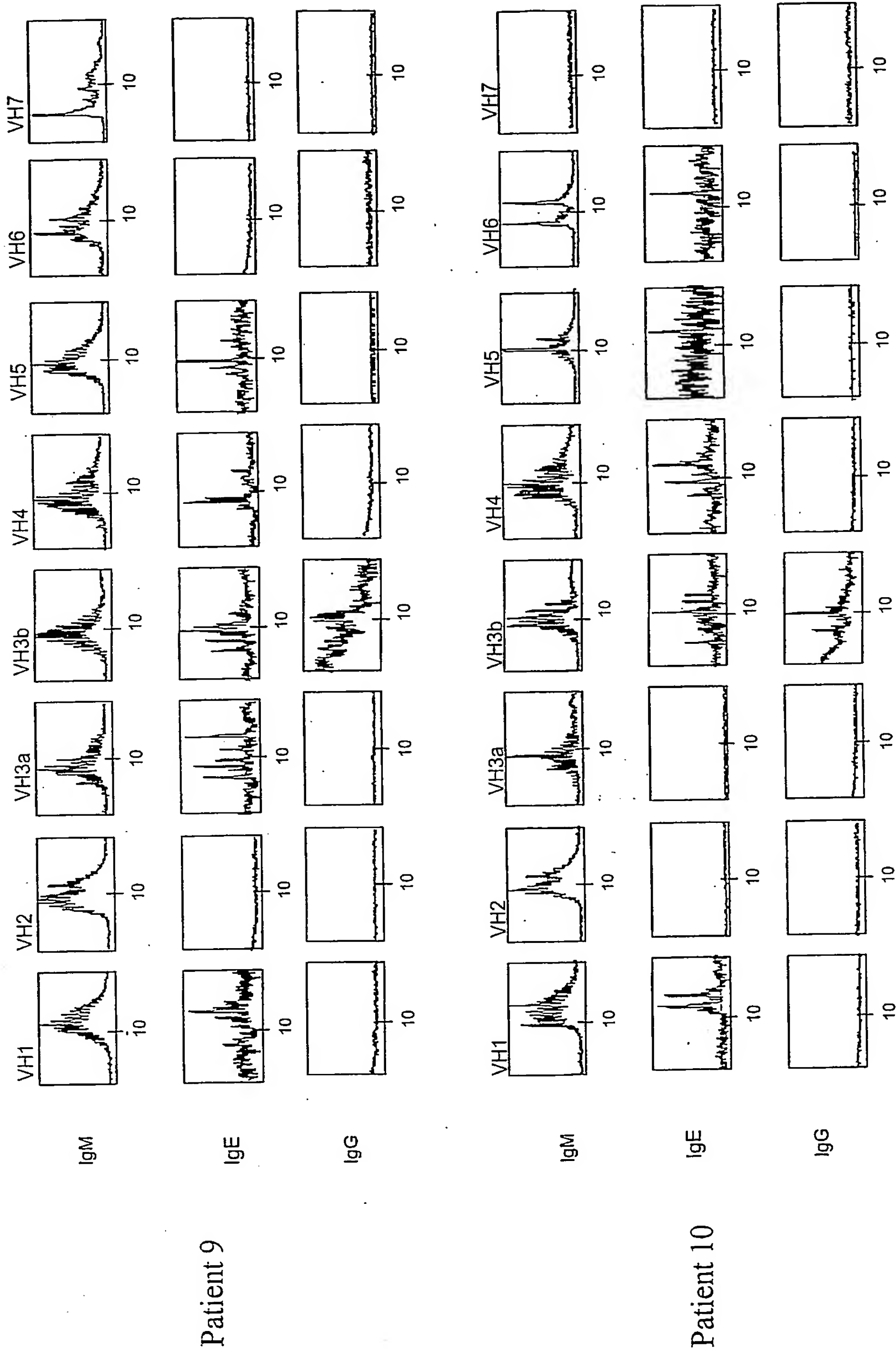


Figure 9

Figure 10

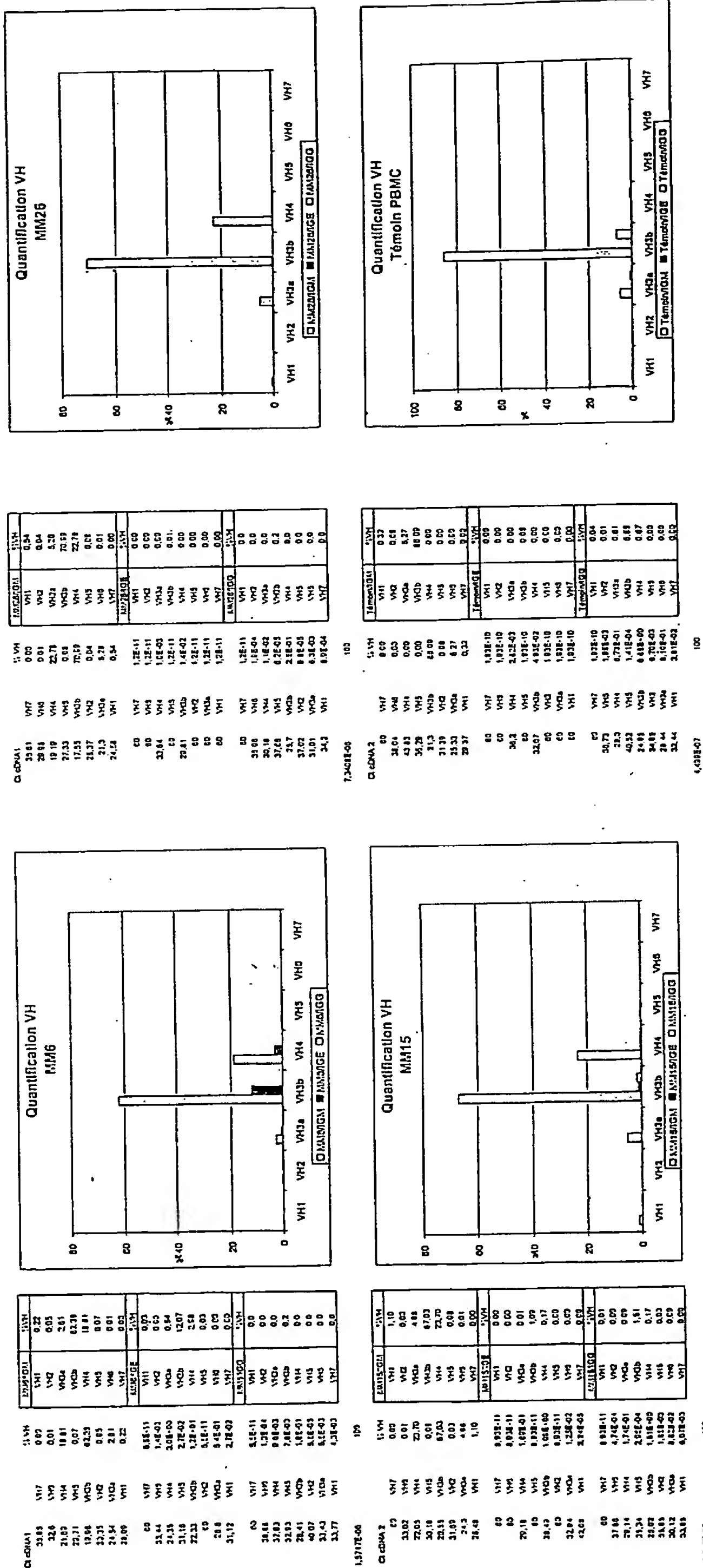


Figure 11

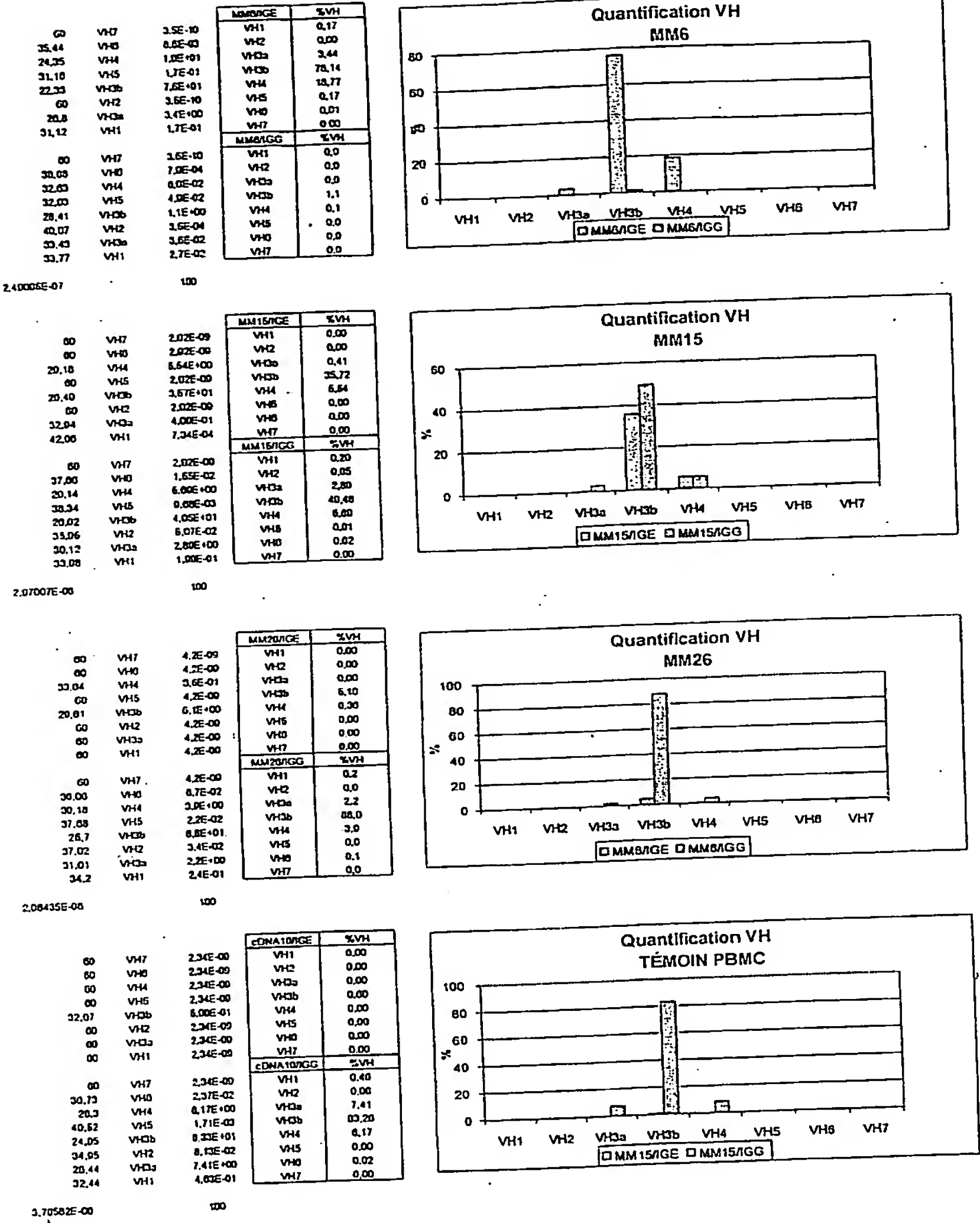


Figure 12

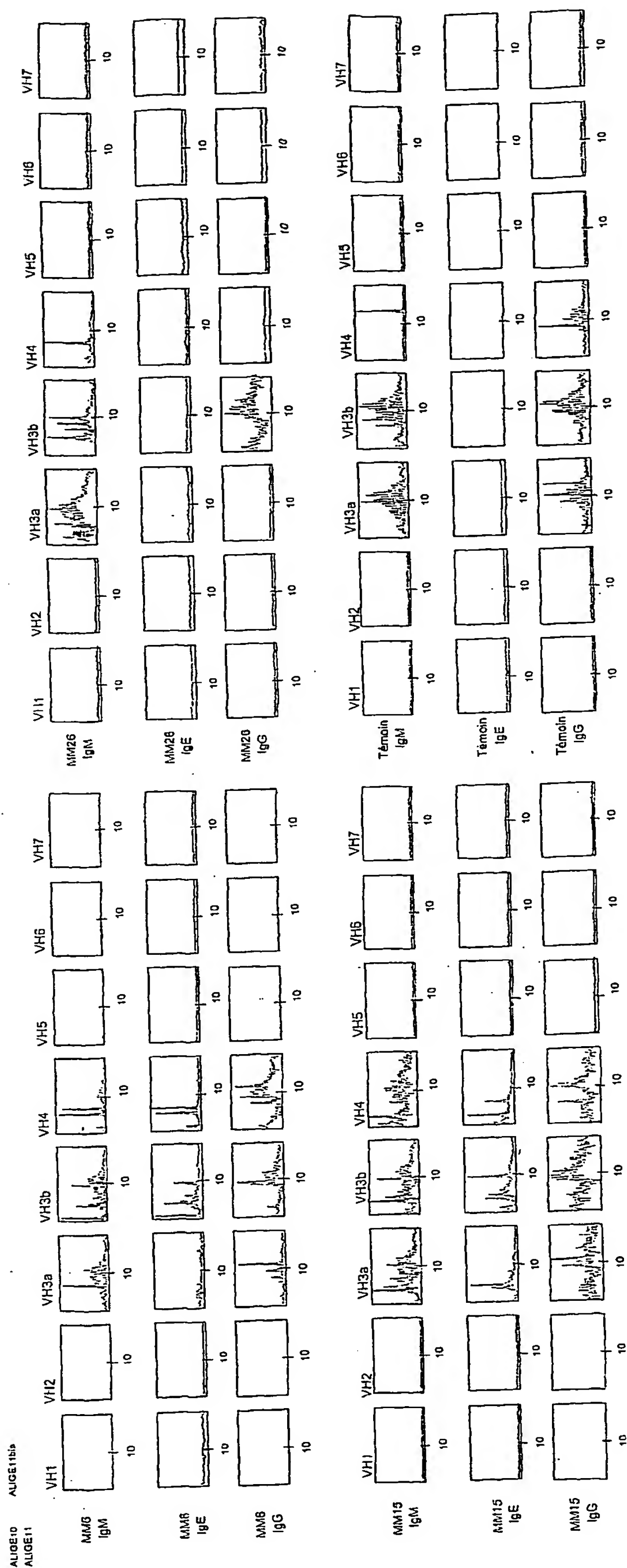
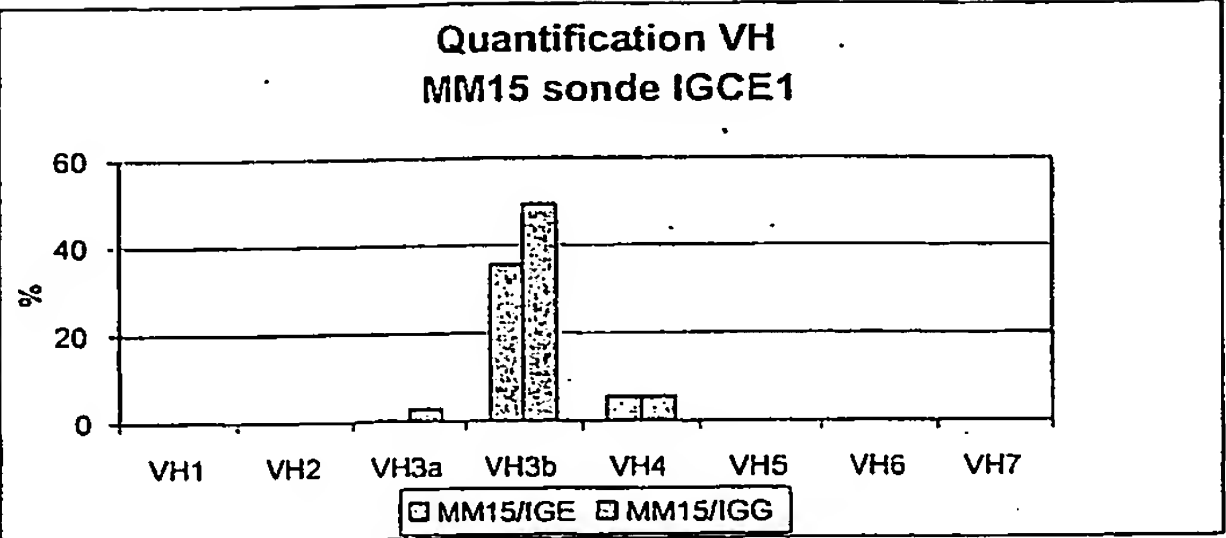


Figure 13

IGE12

60	VH7	2,9E-09
60	VH6	2,9E-09
29,18	VH4	5,5E+00
60	VH5	2,9E-09
26,49	VH3b	3,6E+01
60	VH2	2,9E-09
32,94	VH3a	4,1E-01
42,06	VH1	7,3E-04
60	VH7	2,9E-09
37,66	VH6	1,6E-02
29,14	VH4	5,7E+00
38,34	VH5	9,7E-03
28,02	VH3b	4,9E+01
35,95	VH2	5,1E-02
30,12	VH3a	2,9E+00
33,98	VH1	2,0E-01

MM15/IGE	%VH
VH1	0,00
VH2	0,00
VH3a	0,41
VH3b	35,72
VH4	5,54
VH5	0,00
VH6	0,00
VH7	0,00
MM15/IGG	%VH
VH1	0,2
VH2	0,1
VH3a	2,9
VH3b	49,5
VH4	5,7
VH5	0,0
VH6	0,0
VH7	0,0



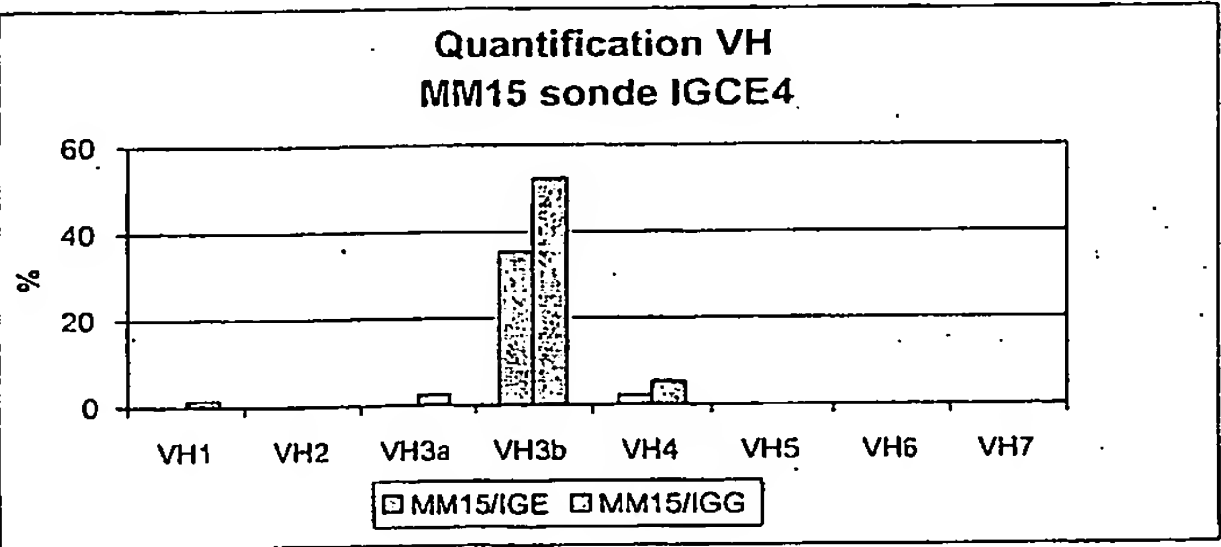
2,97007E-08

100

IGE11

60	VH7	1,61E-09
60	VH6	1,61E-09
29,56	VH4	2,35E+00
40,25	VH5	1,42E-03
25,64	VH3b	3,55E+01
60	VH2	1,61E-09
33,62	VH3a	1,41E-01
35,23	VH1	4,61E-02
60	VH7	1,61E-09
35,22	VH6	4,64E-02
28,35	VH4	5,43E+00
36,9	VH5	1,45E-02
25,08	VH3b	5,24E+01
38,4	VH2	2,05E-02
29,41	VH3a	2,60E+00
30,26	VH1	1,44E+00

MM15/IGE	%VH
VH1	0,05
VH2	0,00
VH3a	0,14
VH3b	35,53
VH4	2,35
VH5	0,00
VH6	0,00
VH7	0,00
MM15/IGG	%VH
VH1	1,44
VH2	0,02
VH3a	2,60
VH3b	52,38
VH4	5,43
VH5	0,01
VH6	0,05
VH7	0,00



5,38302E-08

100

Figure 14